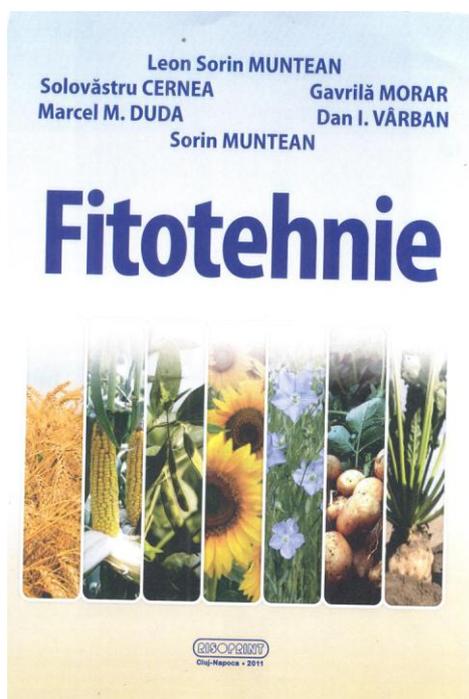


**Book review: Fitotehnie [Phytotechny]
Muntean L. S. (coordinator), Cernea S., Morar G.,
Duda M. M., Vârban D. I., Muntean S., 2011
Risoprint Publishing House Cluj-Napoca, 718 p.**

„**Phytotechny**, named by the ancient Greeks the art or trades of the plants culture is a profile department in the agronomic profession in all the countries and a main component for agricultural sciences. The plants which make the object of Plant Department included in this book (grains, vegetables for seed, oily plants, textile plants, tuber and root plants, tobacco, hops, medicinal and aromatic plants), occupies about 80% of the arable surface of our country and owe a significant part of the cultivated plants in the world. They assure an important plant of the required products for people`s food and animals fodder, representing also an important source basic materials for different industries producing goods.

The technologies elaborated in this book of Phytotechny have at their base the biological ecology plant knowledge, making possible their appliance in different climate and soil conditions. The optimal vegetation conditions are pointed out, the whole complex of phytotechnical measures, to point out the genetic potential of the cultivars and hybrids in the culture. It was given a special importance to the modern technology measures, of high production, economic efficient and unpolluted, and also solutions regarding the reduction of the energy consumption. The technological measures estimated have as a goal the increase of the photosynthetic rate, the increase of the useful vegetal biomass, capturing in the most efficient way of radiant energy of the sun and precipitation, rational consumption of conventional energy, of chemical and pesticides fertilizers, in order to prevent the pollution of the production, environment deterioration and fundamental agriculture resources.

The Phytotechny Book addresses mainly to the students and PhD students of the Faculty of Agriculture and Horticulture, with this department in the curricula, to all the specialists interested in knowing the most important elements of bioecology and cultivation technology of the filed plants in our country” (from foreword).



Front cover

References

Muntean L. S. (coordinator), Cernea S., Morar G., Duda M. M., Vârban D. I., Muntean S., 2011 Fitotehnie [Phytotechny]. Risoprint Publishing House, Cluj-Napoca, Romania, 718 p., ISBN 978-973-53-0506-2.